

**Albania - ZA ZA1A** came up on schedule, and has been very workable. Training and operating will continue until Oct. 7. Operating hours have been restricted because there is no access to the station at PTT headquarters at night. The operators planned to put up a second station this week, so that they can operate at night. Also, TVI problems have forced barefoot operation at times, reducing signal strengths. Operation has been on the announced frequencies, listening up, and often going by **prefix**. West coast stations have had success on the morning long path on 20 meters. [Be careful, and courteous, with the 14145 kHz transmit frequency. The FCC is listening, and the Mexican DX net at 1300Z doesn't appreciate the cat-calls.] QSL information is in Issue 606; remember that contributions to the NCDXF are tax-deductible for US hams, to the extent permitted by law.

Edited by Chod Harris VP2ML

# The DX Bulletin

America's Premier Weekly Amateur Radio Publication

**Bangladesh - S2** Eric WZ6C continues to be very active as **S21NQ**, especially on 14002 kHz 2330-0300Z. Note that Eric is getting up at 4am local to work US hams; when he goes QRT, he's going to work. Eric will move to 14020 kHz if 14002 is busy. He's also been on SSB, but has been hampered on both CW and SSB due to problems working split. He's still under verbal permission. QSL W4FRU.

**Afghanistan - YA** Jackie F2CW operated briefly as **YA0CW** on 15-meter SSB. Jackie has been in Afghanistan much of 1991, working for the Red Cross, and trying to get operating permission.

September 27, 1991

Issue 607

## Shortly Noted

- **3B8CF/3B7** has been worked on 7005 kHz at 0200Z, 14035 at 1400Z and 0300Z, 21035 kHz at 12-1300Z, and in the net on 21345 kHz at 19-2000Z, and other SSB nets. He's also been on RTTY.
- **ZK2OQ** is a Niue operation by SM5BOQ. Try 28025 kHz at 2130Z, and 24910 at 1900Z. He was previously active as **ZK1OQ** from the North Cooks, and **KH8/SM5BOQ** from American Samoa. QSL home call.
- **VP8CDJ** on South Georgia is on 14256 kHz at 2230Z Mondays, and skeds QSL manager GM4KLO on 21215 kHz at 1800Z Thursdays. **VP8CGK** on South Georgia is often on 28495 kHz at 1600Z.
- **VP8CFM** on the South Orkneys is often on 28490 kHz at 1500Z, and 18125 kHz at 2330Z.
- **Vietnam:** the Burma operators have been active as **3W3RR**, **XV3UU**, **XV9MA**, and **3W/** home calls.
- **D2ACA** has been rescheduled for Oct. 1-15, according to Mike Petoff LZ2DF. UT3UY will join Mike, and will concentrate on 160-30 meters. They'll be on the other bands as well. QSL LZ2DF. The QSL cards from the previous D2ACA operation will be out around the end of October. (DX-NL.)
- The **5R8AL** Madagascar operation has been postponed, due to the unstable political situation. Alain may return to the island in December. (DXPress.)
- **FR5AI/J** is due on from Juan de Nova Oct. 12-Nov. 15. No sign of FR5ZU/G as of Sept. 23.
- **4U46UN** is the call of the 4U1UN United Nations station, representing the start of the 46th UN General Assembly. QSL W8CZN.
- **ZS4PB** has been on 1843 kHz SSB 0400-0445Z Sundays, with VE2RP. QSL ZS4PB via N5FTR.
- **A25** and **A26** prefixes can be used by Botswana stations in September and October, celebrating 25 years of independence. QSL to the corresponding A22 and A24 stations.
- **5N3ZIP** skeds his father on 21390 kHz at 2100Z Sundays. DX courtesy, please.
- **C9RAA** was a CW operation by Rudi DK7PE.
- **SSB net check-ins:** **14160** kHz: **VP8CFM** (South Orkneys) **9K2CS**; **14227:** **VK9LA** **P29BT** **P29CD** **V73AX** **A25KB** **9M8LL** **S21NQ** **3B8FU** **9M8FH**; **14236:** **3D2XV** **ZK1XR** **9H1HZ** **TA1AR** **VU2GI** **SV0HV/9** **CN8NS** **7X2KT** **VU2JJQ**; **14256:** **3B8CF/3B7**; **21335** **SV2ASP/A** (Mt. Athos) **3B8CF/3B7** **9J2BO** **AP2JZB** **ZS9A**.
- **RTTY report:** **LZ2TU** is often on 21090± kHz at 1700Z. Some spots: **4K2OIL** 21090 0835Z; **A41KC** 21070 1715Z; **JT1KAA** 21085 0005; **5N0ETP** 21084 1730Z; **3D2ER** 14084 0600Z; **7W1IS** 21074 1305Z **ARQ**; **9K2ZZ** 21086 1515Z.



## Propagation Forecast and Historical Data

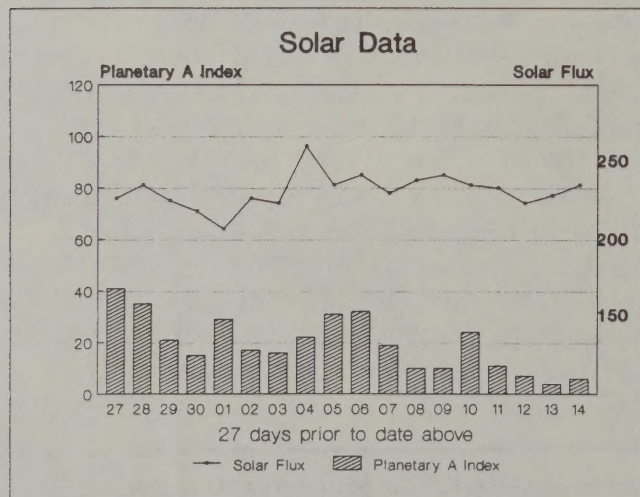
Day Forecast	27 Days Before				55 Days Before			
<u>September 1991</u>	Date	Flux	A	K	Date	Flux	A	K
27 Below Normal	08/31	182	28/36	4	08/02	207	38/42	3
28 Disturbed	09/01	176	27/41	4	08/03	213	27/38	3
29 Below Normal	09/02	181	30/35	1	08/04	193	29/48	4
30 Low Normal	09/03	175	17/21	2	08/05	174	26/36	3
<u>October</u>								
01 High Normal	09/04	171	12/15	1	08/06	167	29/33	3
02 Below Normal	09/05	164	25/29	2	08/07	165	15/20	2
03 High Normal	09/06	176	14/17	2	08/08	159	12/16	1
04 High Normal	09/07	174	13/16	3	08/09	150	12/19	2
05 Low Normal	09/08	196	19/22	3	08/10	142	09/11	1
06 Below Normal	09/09	181	29/31	3	08/11	139	15/20	2
07 Below Normal	09/10	185	28/32	3	08/12	147	36/52	4
08 High Normal	09/11	178	17/19	3	08/13	155	07/18	2
09 High Normal	09/12	183	09/10	2	08/14	175	10/18	3
10 High Normal	09/13	185	11/10	3	08/15	215	24/33	4

### Propagation Watch

Solar activity during the past week has been positively boring, which is wonderful news for DXers. Solar flux levels remain high enough to keep the high bands open all day, and some band open 24 hours a day. We enjoyed a long stretch without any significant solar flares, and the geomagnetic field has been remarkably quiet. The stable geomagnetic field is in sharp contrast to the very active conditions that have prevailed for months. This combination of moderate flux levels, a quiet geomagnetic field, and the normally enhanced propagation around the equinox (Sept. 23) have produced excellent DXing.

10 and 12 meters open very early in the morning, to the northeast, and stay open throughout the day. 15 meters provides good signal strengths, some long-haul openings, and is open long after local sunset. 20 meters has provided the best long-haul DX, beginning with the long path around local dawn, and again in the early evening. 20 remains open essentially all night, to some part of the world. The stable geomagnetic field has allowed some low-band contacts, especially on 40 and 30 meters. Check the grayline openings at dawn and sunset for best signals.

How long with this good propagation last? Until the next series of solar flares chews up the bands. Make the most of the bands when they are hot; they are not always so good, and Sunspot Cycle 22 is definitely on the wane.



## DXCC Country Criteria Point 3

The recent rewrite of the DXCC rules included a controversial Point 3, involving separation by another DXCC country. A strict reading of the rule as modified would make hundreds of islands between the US and Canada eligible as new DXCC countries, as Tad Cook KT7H demonstrated with his applications for DXCC status for two islands off the Washington state coast. The DX Advisory Committee (DXAC) has been considering new wording for Point 3 for more than a year. A press release from the ARRL states that the ARRL Awards Committee has unanimously accepted the DXAC-recommended "editorial changes" in Point 3. The new Point 3 rule, which will be included in the latest edition of the ARRL DXCC Countries List (currently at the printer) is:

Point 3, Separation by Another DXCC Country

(a) Where a Point 1 DXCC country, composed of one or more continental land areas or of continental land areas and islands, is totally separated by an intervening DXCC country into two land areas that are at least 75 miles apart, two DXCC countries result. This distance is measured along the great circle between the two closest points of the two areas divided. The measured distance may include inland lakes and seas which are part of the intervening DXCC country. The test for total separation into two areas requires that a great circle cannot be drawn from any point on the continental land and/or islands of one area to any point on the continental land and/or islands of the other area without intersecting any land of the intervening DXCC country.

(b) Where a Point 1 DXCC country, composed entirely of islands, is totally separated by an intervening DXCC country into two areas, then two DXCC countries result. No minimal distance is required for the separation. The test for total separation into two areas requires that a great circle cannot be drawn from any point on any island of one area to any point on any island of the other area without intersecting any land of the intervening DXCC country.

[Note: this is presented as an "editorial change" to "clarify the intent of the rule." This means the DXAC may use this wording to evaluate the Jarvis Island DXCC country petition, set for a vote this week. The wording of the revised rule specifically mentions islands, which would mean that Jarvis would **not** become a new DXCC country. Further, the revised rule refers to Point 1 (government) countries, and Palmyra/Jarvis is **not** a Point 1 country, so the rule will not apply. -ed.]

### DX Gatherings

- The West Texas DX Association is holding a DX Get Together at W5KFT's location on Lake Buchanan, Oct. 12-13. Among the attendees will Danny Weil VP2VB of Yasmé fame. For more information, contact Bryan W5KFT at 806-747-2067 (work) or 806-799-5783 (home), or send an SASE to The DX Bulletin.
- The Central Arizona DX Association is sponsoring a DX barbecue Friday, Oct. 11, in connection with the ARRL Southwest Division convention. Guest speaker is Piseth Keo XU1SS. Banquet is \$10; send checks to CADXA, c/o Jack Reed WA7LNW, 4216 West Redfield Road, Phoenix AZ 85023, or call Lee Finkel at 602-998-2418.



# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5
6	7	8	9	10	11	12

## RTTY

3B7/	21088	1745	14	CA
3B8CF				
4K2OIL	14090	0240	18	FL
9Q5AD	21092	1935	19	CA
BV4VB	14088	1500	20	CA
EA6ZP	14086	1950	11	OH
EA6ZP	21093	2034	15	FL
EL2FE	21088	1912	9	OH
KC6DX	14082	1100	10	FL
KG4DD	14084	0030	14	CA
LZ2TU	21083	1715	16	CA
OD5ZZ	21087	2000	19	CA
P29BT *	14087	2205	16	FL
RC2AZ	14085	2200	16	FL
ST0DX	21085	1940	15	OH
ST0DX	14091	1949	9	OH
SV0DV/9	14086	0029	16	FL
TR8JH	21092	2050	15	OH
UL7MU	21085	1610	12	OH
VP5JM	14083	0237	18	FL
VP5JM	21085	2350	18	CA
XX9LF	14086	1615	14	CA

## 160 Meters

C9RAA	1824	0150	19	NY
KC6WW	1824	1310	11	WA
KH6CC	1833	0436	14	WA
VK4YB	1832	1230	15	WA

## 80 Meters

3C1EA	3501	0215	17	NY
6W1QB	3501	2250	8	NH
VK6HD	3501	2210	11	NH
YN/	3506	0148	9	AL
SM0OIG				

## 75 Meters

VK6HE	3798	2229	12	NH
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## 40 Meters

4K1AFM	7003	2308	16	FL
4K2MAL	7006	0656	17	CA
6W1QB	7002	0244	21	FL
9K2ZZ	7003	0308	11	MA
HZ1AB	7022	0300	13	IA
SV0DV/9	7025	0153	11	NY
TF3CW	7017	2252	15	NJ
ZA1A	7045	0145	21	FL

## 30 Meters

4K1AFM	10102	2227	16	FL
FW/AA7AF	10104	1121	16	NH
HC5AI	10103	1135	15	FL
HF0POL	10109	2300	16	FL
SV0DV/9	10101	2255	16	FL
TA2AO	10101	0130	18	NY
UT5HP	10103	0259	18	CT
VK6HD	10106	2235	16	FL
ZP6CW	10104	0009	21	FL

## 20 Meter CW

3A2LF	14023	0547	17	CA
3B8FE *	14010	1219	16	MN
3B8FG	14026	0305	16	CA
3B8FG	14020	1320	14	MT

3B8RM	14020	1308	15	MN
4K1A	14011	1123	16	MA
4K1ADQ	14006	0025	18	OR
4K1B	14019	0157	17	MN
4K1B	14010	1106	18	MN
4K2OIL	14007	2155	12	ID
4S7CF	14002	0020	15	FL
4S7EF *	14028	1150	15	FL
4S7WP	14026	0017	15	OH
4S7WP *	14030	1053	14	CT
8R1/	14021	0700	16	OH
G4AAL	14026	2346	9	GA
8R1JV	14035	0124	14	NY
9K2KS	14001	2258	15	NY
9K2ZZ	14004	0015	13	NH
9L1US	14024	0717	13	OH
9M2AX	14025	1139	13	OH
9V1JY	14027	1110	16	MA
9V1YC *	14015	1128	21	FL
BV2TA	14007	1145	15	FL
FR5DD	14002	0206	18	FL
FR5DD *	14004	1211	14	IL
FR5GG	14019	1229	16	NH
FT4WC	14006	1248	16	WI
HZ1AB	14025	1251	22	FL
JT1BS	14026	0000	13	OH
JT1CS	14025	1429	15	UT
OD5SK	14028	2130	20	FL
OX3AB	14021	2354	21	FL
PZ1AP	14010	1028	13	VA
S21NQ	14004	1250	14	NH
S21NQ	14002	2237	13	NH
S79MX	14051	0103	21	FL
TF3DX	14026	1207	16	MT
TU2MA	14033	2359	21	FL
UD850AI	14001	0100	20	GA
UF7FWW	14038	2354	16	OH
UG6JJ	14016	0325	13	AZ
UI8CQ	14017	2322	17	FL
UI9ACQ	14015	0130	14	GA
UL7QCU	14033	0138	16	FL
UL7VP	14022	0119	16	MA
VS6UW	14002	1056	16	NY
VU2HFR *	14020	1217	14	MN
VU2IOC	14017	0125	20	GA
VU2NI	14030	0055	17	CA
VU2NI *	14007	1110	20	MN
YN/	14005	1238	9	NH
SM0OIG	14022	2330	17	MI
Z21CA	14033	0529	15	UT
Z21HS	14012	0417	13	WA
Z23JO	14027	1405	11	TX
ZA1A	14020	0545	18	CA
ZD8WD	14025	2225	12	MI

## 20 Meter SSB

3B8FG	14231	1159	14	WV
9K2HA	14166	0343	15	MD
9K2IC	14169	2314	16	WI
9K2ZZ	14226	0200	13	GA
9N1MM	14247	0046	13	WI
9X2CS	14160	2229	14	SC
AP2JZB	14243	0200	19	CA
CN8CC	14227	2258	12	NH
FT4YD	14180	1136	12	MD
HZ1AB *	14252	1340	12	WA
JT1BS	14192	0135	12	NH
P29BT	14165	1105	17	NY
PY0FF	14189	0345	13	WA
RO5OP *	14190	1357	12	CA
T20WW	14227	0532	16	CA

T20WW	14225	1025	16	IA
UH8EA *	14173	1336	12	CA
V63DJ	14223	1141	15	WV
VU2DVP *	14165	1216	17	MN
VU2JJQ	14188	0035	13	WI
VU2JJQ *	14195	1154	14	IL
VU2TEC *	14190	1155	16	MN
XW8KPL	14165	1215	15	IA
ZA1A	14144	1550	18	OR

## 17 Meter CW

3C1EA	18070	1617	18	CA
4K1AFM	18070	1459	15	CT
HC5AI	18074	1150	12	NH
JT1CD	18072	1221	14	VA
SV0DV/9	18077	1052	18	NY
TF3CW	18072	2134	12	NJ
V85FC	18079	1640	17	CA

## 17 Meter SSB

AP2JZB	18111	1527	15	CT
FR5DX	18128	1245	8	NJ
HV3SJ	18140	1659	14	VA
ST0DX	18115	1810	14	VA
T77J	18117	2008	12	NH
UL7JC	18139	0227	17	NY

## 15 Meter CW

3B9FR	21025	1637	14	MN
3X0HNU	21044	1515	8	UT
4S7NE	21012	0054	19	FL
4S7WP	21022	2129	16	FL
6W1QB	21029	1950	14	MN
7Q7CM	21010	1820	14	CA
8R1/	21023	1922	16	NH
G4AAL				
9K2ZZ	21022	1641	16	OH
9L1US	21043	0008	16	GA
9X5HG	21028	1455	11	TX
A25GH	21019	2204	15	MN
BV2BV	21025	0126	17	CT
CE0FFD	21020	2340	11	IA
JT1BS	21015	0151	17	MN
SU1HV	21022	1625	18	CA
TL8CP	21046	2055	12	IA
UA8TAA	21009	0230	21	FL
UI9ACQ	21009	1215	13	NH
V85AA	21007	2340	18	FL
Z21HS	21015	1551	12	OH
ZB2EO	21003	1910	15	IA

## 15 Meter SSB

5N3ZIP	21390	2056	15	IL
5V7RF	21260	0030	14	IA
7X2DG	21356	1830	18	CA
9M8FH	21237	1444	13	MD
9N1MM	21270	1140	17	MD
FR5DX	21227	1915	14	CA
FR5GG	21198	1625	15	BC
JT1BS	21248	2340	15	IA
KH3/	21282	2349	12	NH
KA3HMS				
OY9JD	21334	2110	11	IA
S79KMB	21220	1800	12	WI
SU1ER	21320	1639	13	MD
TF5BW	21310	1758	13	WV
P29BK	21303	2054	13	WV
UG6GK	21319	1757	12	NH
UH8AAQ	21257	1748	17	OR
UI8ZAA	21316	1231	13	WV

VR6KY	21441	0114	13	MD
VU2DNL	21372	1722	13	WV
XV9MA	21295	0245	19	CA
XW8KPL	21245	1131	12	MD

## 12 Meters

3B8FE	24906	1805	15	NJ
3X0HNU	24950	1208	8	AL
EA6ZY	24894	1525	16	OH
JD1AMA	24939	2209	13	VA
OD5ZZ	24947	1749	7	MA
PY0FF	24950	2030	12	NH
S79HX	24950	1853	18	CA
UI8DX	24899	1355	13	VA
YN/	24899	1442	13	OH
SM0OIG				
ZD8LII	24895	1942	16	OH

## 10 Meter CW

3B9FR	28024	1920	13	IA
3C1EA	28019	1605	12	IA
3X0HNU	28044	1630	15	GA
4K1A	28018	1247	15	FL
4K1AFM	28014	1430	13	NH
8R1/	28023	1836	15	NH
G4AAL				
8R1J	28016	1226	15	FL
9K2KM	28010	1525	12	IA
A25SG	28011	1800	14	CA
BV2DA	28009	2358	17	WI
BY5RA	28027	0030	18	WI
EA9TF	28004	1224	15	FL
KG4DD	28013	1248	21	FL
OD5SK	28024	1200	17	NJ
P29KH	28032	2335	15	MN
YN/	28015	1145	15	GA
SM0OIG	28016	1632	15	GA
Z21HS	28015	1430	15	MN
Z23JO	28028	1245	20	MN
ZD8LII	28021	1223	15	FL
ZD8WD	28022	1100	17	NJ

## 10 Meter SSB

3B7/	28530	1414	14	IL
3B8CF				
3DA0AF	28499	1808	13	CT
5N0CEP	28485	2115	12	NH
9L1US	28465	1810	12	MN
9M8PV	28559	0039	16	MD
CE9GEW	28500	1900	12	MN
CN8FZ	28545	1346	13	MD
HZ1AB	28477	1545	12	IA
KH3/	28340	2356	15	MD
KA3HMS				
KH4AE	28313	0205	14	CA
OD5SK	28460	1740	17	NJ
P29DK	28511	1247	16	MD
P29DK	28485	2205	15	NY
TL8ML	28376	1250	17	NJ
TT8SA	28502	1340	16	IA
TU2UZ	28359	1745	13	IA
UD850GF	28511	1150	17	NJ
UH8EA	28452	1217	13	NH
V51EG	28477	1600	15	NJ
V73AX	28483	2330	15	MI
VP8CGC	28525	2000	14	MI
VP8CGK	28495	1550	15	VA
VP8CGQ	28525	1910	14	CA
VUB2WAP	28500	1719	13	CT
Y11BGD	28534	1205	13	VA





P. O. Box 50  
Fulton CA 95439

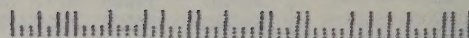
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91/10

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## Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Albania	ZA	ZA1A	Now-Oct. 7	I604
Angola	D2	D2ACA	Oct. 1-15	I607
Antigua	V2/	AA5AU/G0AZT	Sept. 26-29	I600
Bangladesh	S2	S21NQ	Now	I606/7
Glorioso	FR/G	FR5ZU	Sept.?	I604
Kampuchea	XU	XU0JA?	Oct. 10-16	I605
Liechtenstein	HB0/	HB9NL	to Oct. 19	I606
Luxembourg	LX/	PAs	Oct. 2-9	I606
Madagascar	5R	5R8AL	Postponed	I607
Malta	9H	9H3s	Sept. 28-Oct. 16	I605
Montserrat	VP2M/	AA5AU, G0AZT	Sept. 30-Oct. 7	
Niue	ZK2	ZK2OQ	Now	I607
Oblasts	UH/UI		October	I606
St. Brandon	3B7/	3B8CF	to Oct. 5	I605
South Africa	ZS	ZS6JR	Sept.	I601
Togo	5V	5V7JG	Now-Dec.	I596
Tonga	A3	A35EM	Now	I606
		A35XJ	Sept. 27-Oct. 8	I606

## Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Sept. 28-29	Scandinavian Activity SSB	<u>CQ</u>
Sept. 28-29	CQWW RTTY test	<u>CQ</u>
Sept. 30	DXCC Annual Listing Deadline	<u>QST</u>
Oct. 5-6	California QSO Party	<u>Sept. DX Mag</u>
Oct. 11	XU1SS DX Dinner	I607
Oct. 12-13	West Texas DX Get Together	I607
Oct. 12-13	VK/ZL/Oceania CW Contest	<u>CQ</u>

### Contributors

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## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Antarctica	4K1B	14020	1100Z
■ Antarctica	4K1A	28018	1300Z
■ Antarctica	FT4YD	14190±	1130Z Thu.
■ Ascension Island	ZD8WD	14026	2230Z
■ Azerbaijan	UD850AI	14002	01Z Fri.
■ Bangladesh	S21NQ	14002	2230-0045Z
■ Botswana	A25SG	28012	16-1900Z
■ Crete	SV0DV/9	10102	2300Z
■ Crozet Island	FT4WC	20M CW	1230Z
■ Dominican Republic	HI8A	3503±	2300Z
■ Ecuador	HC5AI	18072	1200Z
■ Georgia	UF7FWW	20M CW	0000Z
■ Guyana	G4AAL/8R1	28020±	1830-21Z
■ Guyana	G4AAL/8R1	14025±	2345-01Z
■ Hong Kong	VS6UW	20M CW	1100Z
■ India	VU2IOC	14020±	0130Z Fri.
■ India	VU2NI	20M CW	0100Z
■ India	VU2JJQ	14190±	0030Z Fri.
■ Iraq	YI1BGD	28530±	1200Z
■ Kuwiat	9K2ZZ	21013	17-1900Z
■ Laos	XW8KPL	21250±	1130Z+
■ Mauritius Island	3B8FG	14020	0300Z
■ Mongolia	JT1CS	14024±	1430Z
■ Nepal	9N1MM	21270	1145Z
■ Reunion Island	FR5GG	14020	1230Z
■ Reunion Island	FR5DD	20M CW	02, 1200Z
■ Rodreiguez island	3B9FR	21025	1630Z
■ Saudi Arabia	HZ1AB	14025	13-14Z Sun/Mon
■ Saudi Arabia	HZ1AB	20M SSB	1400Z
■ Singapore	9V1JY	14023±	1100Z
■ South Georgia	VP8CGK	28495	1600Z
■ South Shetlands	4K1ADQ	14010±	0030-03Z
■ Sri Lanka	4S7CF	14002	0020Z
■ Sri Lanka	4S7WP	14002/0270015, 11Z	
■ Taiwan	BV2TA	14008	1145Z
■ Taiwan	BV2BV	21025	0130Z
■ Zimbabwe	Z21HS	20M CW	0400Z
■ Zone 29	VK6HD	10101	2230Z